

From: "Novak, Madi" <Novak.Elisabeth@epa.gov>
To: "Amber Lutey" <alutey@integral-corp.com>
CC: "Michael Pinto (michael.pinto@totalenergies.com)" <michael.pinto@totalenergies.com>
petersonle@cdm.com
"Eron Dodak" <edodak@integral-corp.com>
Date: 1/10/2022 1:32:47 PM
Subject: RE: Arkema Sediment Coring Update - 12/13/2021 through 12/22/2021

Thank you Amber, appreciate the summary and map.
Madi

From: Amber Lutey <alutey@integral-corp.com>
Sent: Monday, January 10, 2022 9:46 AM
To: Novak, Madi <Novak.Elisabeth@epa.gov>
Cc: Michael Pinto (michael.pinto@totalenergies.com) <michael.pinto@totalenergies.com>; petersonle@cdm.com; Eron Dodak <edodak@integral-corp.com>
Subject: Arkema Sediment Coring Update - 12/13/2021 through 12/22/2021

Hi Madi,

This email message provides a summary of the cores attempted and collected using vibracoring methods from December 13-17, 2021 and sonic methods from December 20-23, 2021. A total of 16 core stations were successfully completed. The attached Working Draft Coring Status Maps include general notes on each of these locations (please note that there are two maps, one for the upstream area and the other for the downstream area).

The completed stations are as follows (see attached Working Draft Coring Status Map for locations):

- SC-17 (12/13/2021). Drive depth: 5.0 ft bml (refusal). Recovery: 86%. The accepted core was attempt 3.
- SC-1 (12/14/2021). Drive depth: 8.9 ft bml (refusal). Recovery: 96%.
- SC-2 (12/15/2021). Drive depth: 7.6 ft bml (refusal). Recovery: 63%. The accepted core was attempt 4.
- SC-21 (12/15/2021). Drive depth: 6.7 ft bml (refusal). Recovery: 81%.
- SC-25 (12/15/2021). Drive depth: 8.0 ft bml (refusal). Recovery: 80%.
- SC-22 (12/16/2021). Drive depth: 13.5 ft bml (refusal). Recovery: 65%. The accepted core was attempt 3.
- SC-26 (12/16/2021). Drive depth: 10.9 ft bml (refusal). Recovery: 57%. The accepted core was attempt 2.
- SC-28 (12/16/2021). Drive depth: 9.0 ft bml (refusal). Recovery: 94%.
- SC-23 (12/17/2021). Drive depth: 7.0 ft bml (refusal). Recovery: 74%.
- SC-84 (12/20/2021). Drive depth: 20 ft bml. The accepted cores were attempts 1 (0-10 ft bml) and 4 (10-20 ft bml). Recovery: 67% (0-10 ft bml), 100% (10-20 ft bml).
- SC-81 (12/21/2021). Drive depth: 20 ft bml. Recovery: 100%
- SC-82 (12/22/2021). Drive depth: 20 ft bml. Recovery: 42% (0-5 ft bml), 100% (5-20 ft bml).
- SC-86 (12/22/2021). Drive depth: 20 ft bml. Recovery: 48% (0-5 ft bml), 100% (5-20 ft bml).
- SC-93 (12/22/2021). Drive depth: 20 ft bml. Recovery: 72% (0-5 ft bml), 100% (5-20 ft bml).
- SC-85 (12/23/2021). Drive depth: 15 ft bml. Recovery: 43% (0-5 ft bml), 100% (5-15 ft bml).
- SC-87 (12/23/2021). Drive depth: 15 ft bml. Recovery: 100%.

No health and safety incidents occurred during this fieldwork period.

The following Field Change Request forms have been submitted and approved by EPA: FCR-13 (Use of a sonic drill rig for vibracore stations) and FCR-14 (SC-88 used of sonic core barrel samplers). There were no other substantive deviations from the PDI work plan.

The next phase of work is tentatively scheduled to begin in April 2022.

Please let me or Mike know if you have any questions. Thanks!

AMBER LUTEY, R.G. (she/her/hers) | **Project Scientist**

Tel: 503.943.3612 | Cell: (b) (6)

319 SW Washington Street, Suite 1150 | Portland | OR 97204

alutey@integral-corp.com | www.integral-corp.com

